

IN THE SPECIFICATION

- Pg 1, ln 3      The present invention relates to a turbine motor for a pneumatic tool, particularly to an air motor of having an inward-flow radial inflow-impeller type turbine rotor which transforms pneumatic energy of air at high pressure into rotational energy, combining a swivel to obtain clockwise or counterclockwise rotation with simple structure and compact design.
- Pg 4, ln 14      Referring to Fig. 2, for more effective driving of the rotor 20, a stator 40 is inserted between the rotor 20 and an inner wall of the casing 10. The stator 40 has a plurality of stator blades 41 which surround the rotor blades 21 of the rotor 20 and are radially oriented, being placed opposite the inlet 12. Compressed air entering the chamber 11 through the inlet 12 is deflected by the stator 40 to hit the rotor blades 21 uniformly, increasing efficiency. One preferred embodiment of the present invention is an air motor of having an inward-flow radial inflow-impeller type turbine rotor.